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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Application Number		10/551,895
Filing Date		2005-10-04
First Named Inventor		James A. Procter
Art Unit		2618
Examiner Name		MILORD, MARC
Attorney Docket No: 080591		

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Code 2(if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	001	US33632250	01-09-1968	Irving Jacobson.
	002	US4000467	12-28-1976	Lentz et al.
	003	US4001691	01-04-1977	Gruenberg et al.
	004	US4061970	12-06-1977	Magneron et al.
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	006	US4124825	11-07-1978	Webb et al.
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	009	US4368541	01-11-1983	Evans et al.
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	012	US4723302	02-02-1988	Fulmer et al.
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	014	US4820568	04-11-1989	Harpell et al.
	015	US4922259	05-01-1990	Hall et al.
	016	US5023930	06-11-1991	Leslie et al.
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	020	US5341364	08-23-1994	Marra et al.
	021	US5349463	09-20-1994	Hirohashi et al.

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Attorney Docket No.: 080591			

Sheet

2

of

14

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.1	Document Number Number-Kind Code 2(if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	022	US5371734	12-06-1994	Fischer et al.	
	023	US5408197	04-18-1995	Miyake et al.	
	024	US5408618	04-18-1995	Aho et al.	
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	042	US5754540	05-19-1998	Liu et al.	

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Sheet <span style="margin-left: 100px;">3</span> of <span style="margin-left: 100px;">14</span>	Attorney Docket No: 080591
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	045	US5784683	07-21-1998	Sistanizadeh et al.	
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	063	US6163276	12-19-2000	Irving et al.	

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Sheet 4 of 14 Attorney Docket No: 080591

U.S. PATENT DOCUMENTS					
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		Number-Kind Code <small>(if known)</small>			
	064	US6188694	02-13-2001	Fine et al.	
	065	US6188719	02-13-2001	Collomby et al.	
	066	US6195051	02-27-2001	McCoy et al.	
	067	US6202114	03-13-2001	Dutt et al.	
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For Japanese Patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document, kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 4 Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet

5

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14

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	085	US6501965	12-31-2002	Durrant et al.	
	086	US6535732	03-18-2003	McIntosh et al.	
	087	US6549567	04-15-2003	Fulerton et al.	
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First Named Inventor		James A. Proctor JR.
Art Unit		2618
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			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
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	107	US7132988	11-07-2006	Yegin et al.	
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	153	US20040047335	03-11-2004	Proctor, James Arthur JR et al.	
	154	US20040131025	07-08-2004	Dohier, Mischa et al.	
	155	US20040146013	07-29-2004	Song, Peter Chun Teck et al.	
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	158	US20040176050	09-09-2004	Steer, David et al.	
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	160	US20040229563	11-18-2004	Fitton, Michael Phillip et al.	
	161	US20040264511	12-30-2004	Futch, Richard J et al.	
	162	US20050014464	01-20-2005	Larsson, Peter et al.	
	163	US20050030891	02-10-2005	Stephens, Adrian P et al.	
	164	US20050042999	02-24-2005	Rappaport, Theodore S et al.	
	165	US20050130587	06-16-2005	Suda, Hirohito et al.	
	166	US20050201315	09-15-2005	Lakkis, Ismail et al.	

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Application Number	10/551,895
Filing Date	2005-10-04
First Named Inventor	James A. Proctor JR.
Art Unit	2618
Examiner Name	MILORD, MARCEAU

Attorney Docket No.: 080591

Sheet 9

of

14

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code 2 <sup>nd</sup> known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	169	US20060035643	02-16-2006	Vook et al.	
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Application Number	10/551,895
Filing Date	2005-10-04
First Named Inventor	James A. Proctor JR.
Art Unit	2618
Examiner Name	MILORD, MARCEAU
Attorney Docket No:	080591

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Application Number		10/551,895	
Filing Date		2005-10-04	
First Named Inventor		James A. Proctor JR.	
Art Unit		2618	
Examiner Name		MILORD, MARCEAU	
Attorney Docket No:		080591	

Sheet 11 of 14

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> , Number <sup>4</sup> , Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			<input type="checkbox"/>

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	197	ANDRISANO, et al., "On the Spectral Efficiency of CPM Systems over Real Channel in the Presence of Adjacent Channel and Cochannel Interference: A Comparison between Partial and Full Response Systems, IEEE Transactions on Vehicular Technology, Vol. 39, No. 2, May 1990	<input type="checkbox"/>
	198	Code of Federal Regulations, Title 47 Telecommunications: "Federal Communications Commission code part 15.407," Federal Communications Commission vol.1, chapter I, part 15.407.	<input type="checkbox"/>
	199	Copy of First Office Action issued from the Chinese Patent Office in connection with corresponding Chinese application No. 200380101286.2.	<input type="checkbox"/>
	200	Draft Corrigendum to IEEE Standard for Local and Metropolitan Area Networks- Part 16: Air Interface for Fixed Broadband Wireless Access Systems, IEEE P802.16-2004/Cor1/D5.	<input type="checkbox"/>
	201	Draft IEEE Standard for Local and Metropolitan Area Networks- Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems; Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands.	<input type="checkbox"/>
	202	First Report issued by IP Australia on July 31, 2007 in connection with the corresponding Australian application No. 2003239577.	<input type="checkbox"/>
	203	IEEE 802.16(e), Part 16: Air Interface for Fixed Broadband Wireless Access Systems, 2005, Sections 8.4.10.2.1, 8.4.10.3.2.	<input type="checkbox"/>
	204	IEEE Std 802.11-1999 (Reaff 2003), "Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications," LAN MAN Standards Committee of the	<input type="checkbox"/>

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**INFORMATION DISCLOSURE  
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Application Number		Complete if Known
Filing Date		10/551,895
First Named Inventor		James A. Proctor JR.
Art Unit		2618
Examiner Name		MILORD, MARCEAU
Sheet	12	of 14
Attorney Docket No.: 080591		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	205	IEEE Computer Society; Paragraphs 7.2.3.1 and 7.2.3.9; Paragraph 7.3.2.4; Paragraphs 15.4.6.2 and 18.4.6.2 IEEE Std 802.11b-1999, "Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: Higher-Speed Physical Layer Extension in the 2.4 GHz Band," IEEE-SA Standards Board, Supplement to ANSI/IEEE Std. 802.11, 1999 Edition, Approved September 16, 1999.
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	208	International Search Report - PCT/US04/007708, International Search Authority - US, 10-18-04 (080591WO)
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	210	Mexican Office communication dated July 2, 2007 issued from Mexican Patent Office for application PA/a/2004/011588 with partial translation thereof.
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	213	Office communication dated January 12, 2007 issued from the European Patent Office for counterpart application No. 03734139.9-1246.
	214	Office communication dated October 19, 2006 issued from the Mexican Patent Office for counterpart application No. PA/a/2004/011588.
	215	Official communication issued from the European Patent Office dated August 7, 2007 for the corresponding European patent application No. 03759271.4-2412.
	216	Official communication issued from the European Patent Office dated December 19, 2006 for the corresponding European patent application No. 03759271.4-2412.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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<p>Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket No: 080591</p>		<p>Complete if Known</p>	
		<p>10/551,895</p>	
		<p>2005-10-04</p>	
		<p>James A. Proctor JR.</p>	
<p>2618</p>		<p>MILORD, MARCEAU</p>	
<p>Sheet 13 of 14</p>	<p>Attorney Docket No: 080591</p>		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.
	217	Second Office Action issued from the Chinese Patent Office on July 20, 2007 in connection with corresponding Chinese application No. 200380101286.2
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	220	Translation of Office Action issued by Chinese Patent Office on October 19, 2007 in connection with the corresponding Chinese application No. 03814391.7
	221	U.S. PTO Office Action mailed on April 17, 2007 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.
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	223	U.S. PTO Office Action mailed on November 21, 2006 for the corresponding parent patent application No. 11/339,838, now U.S. Patent No. 7,230,935.
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